

CLAIMS

1) Retention assembly (60,61,58) of a foot (33) on a sport item (40) of the sliding board type, characterized in that it is adjustable to the feet (33) of different users and in that it permits an instantaneous insertion and withdrawal of the feet (33). The retention assembly (60,61,58) comprises a shell (5) in pivotal connection about an axle (6) ensleeved in a plate (4) and resilient members (7) which exert a pressure (39) on the foot (33) introduced into the retention device (60,61,58,90), and characterized in that an upper disc (33) establishes a connection between said plate (4) and the base (1) to adjust the position of the assembly (3,4,5,6,7) relative to said base (1) and in that a lower disc (2) which retains said base (1) on the item (40) permits adjusting the position of the assembly relative to the item (40).

2) Retention assembly (60,61,58,90) according to claim 1 characterized in that the raised circular curve (11) of the upper region of said shell (5), gives rise to the raising of said shell (5) during lateral introduction (38) of the foot (33) of the user into the retention assembly (60,61,58,90).

3) Retention assembly (60,61,58,90) according to claim 1 characterized in that the circular curve (12) of said shell (5), tangent to the raised circular curve (11), completely envelopes the top of the introduced foot (33) of the user.

4) Retention assembly (60,61,58) according to claim 2 characterized in that the torsion springs (7) are in

tension (37) about the axle (6) which ensures the pivotal connection between said shell (5) and said plate (4), and permit the shell (5) to rise upon lateral introduction (38) of the foot (33) of the user into the device (60,61,58) at the level of the raised circular curve (11).

5) Retention assembly (60,61,58) according to claim 1 characterized in that the torsion springs (7) are mounted on the axle (6) on opposite sides of the upper portion of said plate (4), with the feet (35) disposed in regions (30) of said shell (5) and the other feet (26) immobilized in rotation against said plate (4), such that they transmit an adjustable energy rotation (39) to said shell (5) when the foot (33) of the user is completely introduced into the retention assembly (60,61,58) at the level of the ergonomic circular curve (12).

6) Retention assembly (60,61,58,90) according to claim 1 characterized in that said base (1) comprises on its lower portion (80), a first region in the form of a notched circular ring (21) adapted to receive the notched circular ring (23) of said lower disc (2), which permits the adjustment in rotation (34) about the axis Oz and in translation (65,66) of the retention assembly (60,61,58,90) relative to the board (40), by manipulation of the corresponding pins (70).

7) Retention assembly (60,61,58,90) according to claim 1 characterized in that said base (1) comprises on its upper portion (81), a second region in the form of a notched circular ring (22), adapted to receive the notched circular ring (13) of the surface (85) of the upper disc (3), this

system associated with the two circular oblong holes (14) of the upper disc (3), permits the user to adjust the position of the upper disc (3) in rotation (36) relative to the base about the axis Oy and hence permits the user to
5 carry out an adjustment in rotation (36) of said shell (5) on its foot (33), by manipulation of the corresponding pins (71).